

Title (en)
ELECTRIC BICYCLE

Title (de)
E-BIKE

Title (fr)
BICYCLETTE ELECTRIQUE

Publication
EP 3543105 B1 20220601 (FR)

Application
EP 19162935 A 20190314

Priority
BE 201805188 A 20180320

Abstract (en)
[origin: US2019291810A1] An electric bicycle comprises a removable battery pack (1) for storing electrical energy, and a frame element (5) to which the battery pack (1) is intended to be fixed. The battery pack comprises a housing and a lock arranged in said housing and the frame element (5) comprises a projecting locking element (21), said locking element (21) penetrating into the housing of the battery pack (1) through an entry opening so as to co-operate with said lock with a view to fixing said battery pack (1) to said frame element (5).

IPC 8 full level
B62M 6/90 (2010.01); **B62K 19/30** (2006.01)

CPC (source: EP US)
B62K 19/30 (2013.01 - EP); **B62M 6/40** (2013.01 - US); **B62M 6/90** (2013.01 - EP US); **B62K 19/40** (2013.01 - US)

Citation (examination)
CN 108639227 A 20181012 - DONGXIA DATONG BEIJING MAN CONSULTING CO LTD

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3543105 A1 20190925; **EP 3543105 B1 20220601**; BE 1026121 A1 20191015; BE 1026121 B1 20191021; US 11052968 B2 20210706; US 11718367 B2 20230808; US 2019291810 A1 20190926; US 2021276661 A1 20210909

DOCDB simple family (application)
EP 19162935 A 20190314; BE 201805188 A 20180320; US 201916359946 A 20190320; US 202117330435 A 20210526